KIT, YOKE RELOCATION TO REAR

YOKE RELOCATION PROCEDURE

1. Disconnect all pipeline hoses and turn the System Power switch to ON.

2. Close all cylinder valves except the O_2 cylinder valve.

3. Set the oxygen flow rate to 5 l/min.

4. Open the N_2O flow control valve to drain pressure from the system.

5. Close the O_2 cylinder valve, and close the flow control valves. Press the O_2 FLUSH button to drain pressure from the system.

6. Turn the System Power switch to STANDBY and remove AC power from the machine. Disable all circuit breakers.

7. Remove the screws securing the table top to the machine, and remove the top.

8. Loosen the fittings at each end of the tube connecting the oxygen yoke to the oxygen regulator, and remove the tube.

9. Loosen the fittings at each end of the tube connecting the nitrous oxide yoke to the nitrous oxide regulator, and remove the tube.

10. Remove the screws and washers securing the yokes to the machine; remove the yoke assemblies and mounting spacers.

11. Install the nitrous oxide yoke on the rear of the machine, located as shown in Figure 1. For machines with a mounting spacer, use the mounting hardware that was previously removed. For machines without a mounting spacer, use two 5/16-24 x ¾ in. skt hd screws (P/N HW01056).

12. Install the oxygen yoke on the rear of the machine, located as shown in Figure 1. For machines with a mounting spacer, use the mounting hardware that was previously removed and ensure that the yoke is level. For machines without a mounting spacer, use two 5/16-24 x ¾ in. skt hd screws (P/N HW01056).

NOTE:
Examine the tubing that was removed and determine the type of fittings to be used at the regulator connections. Figure 2 shows the correct assembly for two types of compression fittings.

13. Assemble the correct compression fittings on pre-bent tube (P/N 4111168 for machines with a mounting spacer; P/N4108491 for machines without a mounting spacer). Install the tube from the nitrous oxide yoke to the nitrous oxide regulator and tighten the fittings securely. Install a blue "N_2O" label on each end of this tube.

YOKE RELOCATION PROCEDURE (continued)

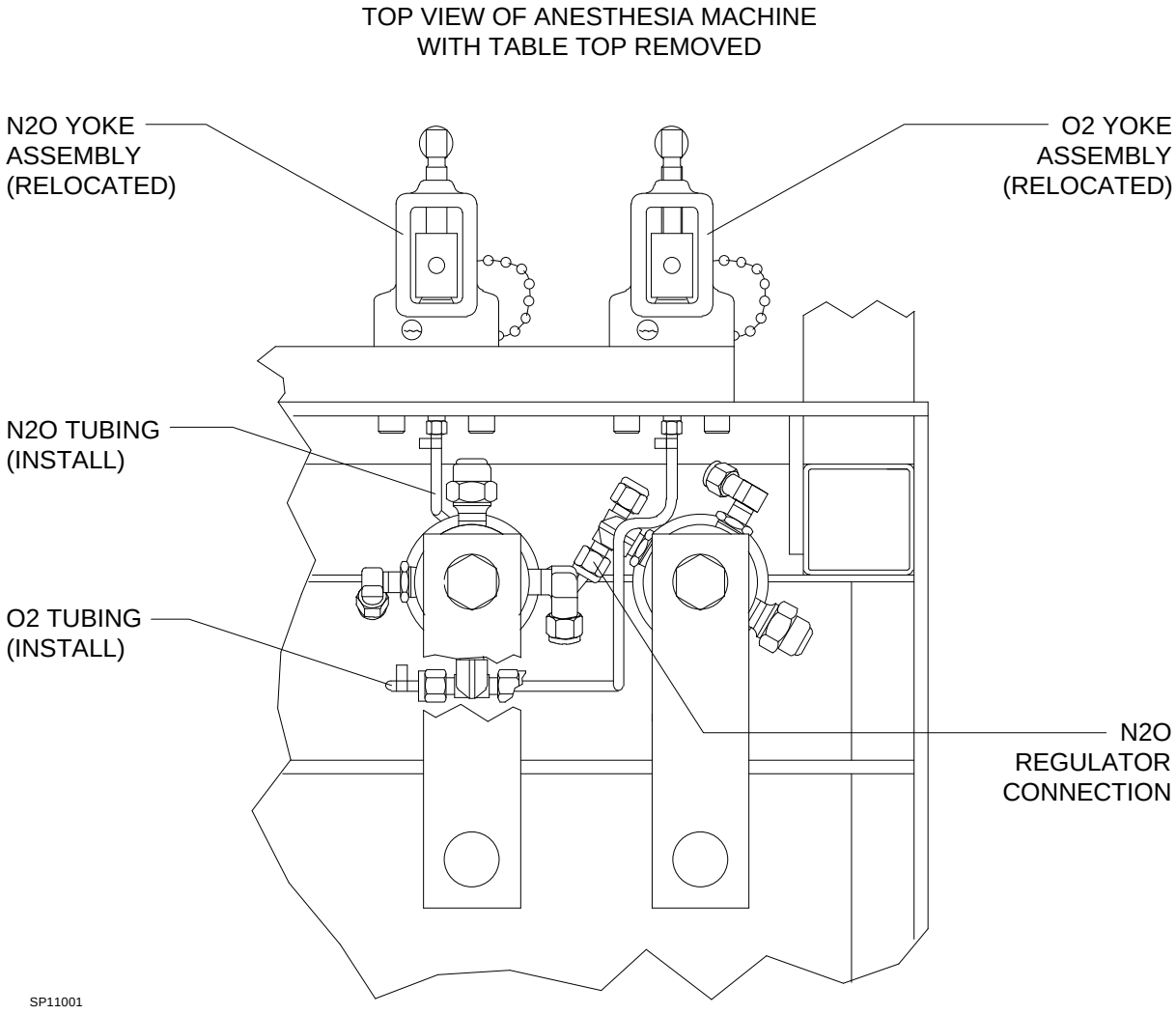

Figure 1: YOKE RELOCATION AND TUBING CONNECTIONS

YOKE RELOCATION PROCEDURE (continued)

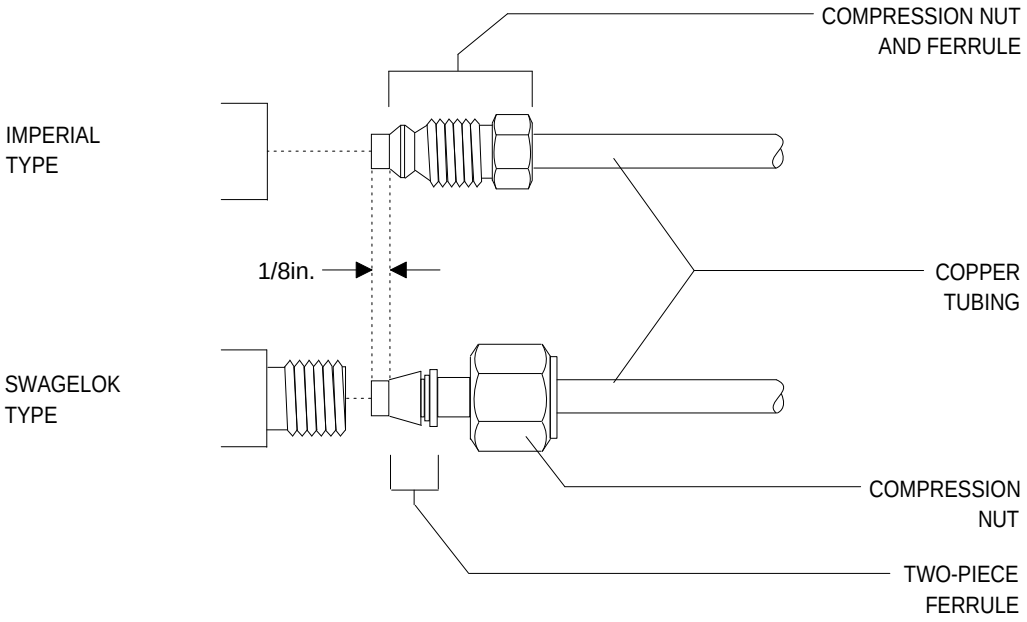

Figure 2: COMPRESSION FITTING STYLES

14. Assemble the correct compression fittings on pre-bent tube (P/N 4111167 for machines with a mounting spacer; P/N4108492 for machines without a mounting spacer). Install the tube from the oxygen yoke to the oxygen regulator and tighten the fittings securely. Install a green "O_2" label on each end of this tube.

15. If additional yokes were removed, install plugs into the regulator fittings as needed.

16. Install an oxygen cylinder in the O_2 yoke, and a nitrous oxide cylinder in the N_2O yoke.

17. Perform the following high pressure leak test for each yoke:

    a. Open the cylinder valve and allow the pressure to stabilize.

    b. Close the cylinder valve and remove the cylinder from the yoke.

    c. Observe the cylinder pressure gauge; after two minutes the pressure shall not drop more than 50 psi.

18. Perform the following oxygen concentration test:

    a. Turn the System Power Switch to ON.

    b. Connect a 12 inch hose to the inspiratory valve.

    c. Set the Man/Auto selector to BAG.

    d. Close the APL valve.

    e. Occlude the bag mount.

YOKE RELOCATION PROCEDURE (continued)

f. Insert the sensor from a calibrated O_2MED into the valve dome adaper on the inspiratory valve.

g. Close all flow control valves.

h. Install the appropriate cylinder in each yoke, and open one cylinder valve for each gas.

i. Depress the O_2 FLUSH button for 15 seconds.

j. Set the oxygen flow to 4 l/min.

k. Within three minutes the O_2MED shall read 97-100% oxygen.

l. Set the nitrous oxide flow to 2 l/min.

m. The oxygen concentration shall be 64-70%.

n. Set the nitrous oxide flow to 4 l/min.

o. The oxygen concentration shall be 47-53%.

p. Close all flow control valves.

19. Replace the table top on the machine and secure it with the screws that were previously removed.

20. Perform a complete PMS procedure on the machine.

PARTS REQUIRED

PART DESCRIPTION	PART NUMBER
Tube, 3/16 in. dia. cu "bent" (N_2O) (Machines w/ spacer)	4111168
Tube, 3/16 in. dia. cu "bent" (O_2) (Machines w/ spacer)	4111167
Tube, 3/16 in. dia. cu "bent" (N_2O) (Machines w/o spacer)	4108491
Tube, 3/16 in. dia. cu "bent" (O_2) (Machines w/o spacer)	4108492
Screw, 5/16-24 x ¾ in. skt hd (4x) (Machines w/o spacer)	HW01056
Nut, 3/16 in. Tubing (4x)	4104716
Ferrule, Two Piece (2x) (Supplied as a set of 10)	4111038
Nut, Fitting, 3/16 Tubing (2x)	4109489
Label, "N_2O" Tubing (4x)	4109874
Label, "O_2" Tubing	4109871
Plug, Fitting, 3/16 Tube (2x)	4109400
Plug, Fitting, 3/16 Tube (2x)	4106052

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